BID SOLICITATION

Page 1 of 3 Printed: 9/2/2008



City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga TN 37402

SEALED BIDS

Mail or submit two (2) signed copies of bid form to this office in the enclosed envelope. Retain one copy for your file.

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BID OPENING D	ATE AND TIME:
09/30/2008	2:00 PM
BID NUMBER: I	30005490

BUYER: Hipp, Geoffrey
PHONE #: (423) 757 - 4758 ext.

DELIVERY REQUIRED: 09/30/2008 2:00 PM

M City of Chattanooga
A 101 East 11th Street, Suite G13
Chattanooga TN 37402
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R					
Item	Class-Item	Quantity	Unit	Unit Price	Total
	Requisition No.: R0113082 Ordering Dept.: Waste Resources Buyer: Geoffrey Hipp 423-757-4758 ITEMS TO BE PURCHASED: After-Cooler Tube Bundle ATTACHMENTS: - Specifications - Affirmative Action Plan - Standard Terms and Conditions: (http://www.chattanooga.gov/Finance/66_StandardTermsandCondition or call for copy) *** BIDS MUST BE RECEIVED NO LATER THAN *** 2:00 PM ON SEPTEMBER 30, 2008 *** PLEASE SUBMIT BIDS IN DUPLICATE *ALL FREIGHT CHARGES ARE INCLUDED IN BID PRICES UNLESS OTHERWISE NOTED. NOTE: All bids received are subject to the terms and conditions contained herein and as listed in the above referenced website. The undersigned Bidder acknowledges having received, reviewed, and agrees to be bound to these terms and conditions, unless specific written exceptions are otherwise stated. Any manufacturer's names, trade names, brand names, or catalog numbers used in the specifications are for the purpose of describing and establishing general quality levels. Such references are not intended to be restrictive. Bids will be considered for any brand which meets or exceeds the quality of the specifications listed for any item.				

NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS.

	ALL BIDS MUST BE SIGNED: The undersigned offers the above quoted prices under the conditions contained herein.
The City is Exempt from all Federal and State Tax. Bids will be received at the above mentioned address.	COMPANY:
TERMS OF PAYMENT:	SIGNATURE:
relephone number:	NAME AND TITLE:

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Page 2 of 3 Printed: 9/2/2008



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City of Chattanooga 101 East 11th Street, Suite G13 Chattanooga TN 37402 1 L Т

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ltem	Class-Item	Quantity	Unit	Unit Price	Total
-	The City of Chattanooga reserves the right to reject any and/or all bids, waive any informalities in the bids received, and to accept any	1		Ì	
bid which in its opinion may be for the best interest of the city. The City of Chattanooga will be non-discriminatory in the purchase of all goods and services on the basis of race, color, or national origin.]	1	j
	PLEASE PROVIDE US WITH THE FOLLOWING INFORMATION:	[1		
Company Name		})		
	Address				
	Phone/Toll-Free No		ł		•
	Fax No				
	E-Mail Address				
	Contact Person's Name				
	Estimated Delivery				
	Minority-Owned Business Small Business Veteran		}		
	Minority Woman Owned Business Disabled Veteran		ı		
	Women-Owned Business				
	****** ALL ITEMS MUST BE QUOTED F.O.B. DESTINATION ****				
				}	
	<u></u>				
	NOTE: ALL BIDS RECEIVED ARE SUBJECT T				
				D: The undersigner contained herein.	d offers the above quoted
The City is Exempt from all Federal and State Tax. Bids will be received at the above mentioned address.		COMPANY:			
		CIONATURE			

SIGNATURE: ___ TERMS OF PAYMENT: NAME AND TITLE: 'ELEPHONE NUMBER:

BID SOLICITATION

Page 3 of 3 Printed: 9/2/2008



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DELIVERY REQUIRED: 09/30/2008 2:00 PM

М	City of Chattanooga
Α	101 East 11th Street, Suite G13
١	Chattanooga TN 37402
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ltem	Class-Item	Quantity	Unit	Unit Price	Total
1.0	TUBE BUNDLE ASSEMBY REQUIRES THE FOLLOWING: One (1) tube bundle assembly - SAF-983-NS, S/N 17094; Aluminum Bronze Front Tube Sheet; Naval Brass Rear Tube Sheet; Tubes are made of: Admiralty Brass Gasket Set Consisting of: Two (2) Front Tube Sheet Gasket Two (2) Rear Tube Sheet Packing - Viton A 890-49 Tube Bundle Assembly for After Cooler (per the attached specifications)	1.00	EA		
	specifications)			TOTAL	

NOTE: ALL BIDS RECEIVED ARE SUBJECT TO THE TERMS AND CONDITIONS.

	ALL BIDS MUST BE SIGNED: The undersigned offers the above quoted prices under the conditions contained herein.
The City is Exempt from all Federal and State Tax. Bids will be received at the above mentioned address.	COMPANY:
TERMS OF PAYMENT:	SIGNATURE:
FELEPHONE NUMBER:	NAME AND TITLE:

SPECIFICATIONS FOR TUBE BUNDLE ASSEMBLY FOR AFTER-COOLER MOCCASIN BEND WASTEWATER TREATMENT PLANT CHATTANOOGA TENNESSEE May 2008

GENERAL INFORMATION

This specification is for the purchase of one (1) tube bundle assembly to fit in the existing shell of an after-cooler made by R. P. Adams Company Inc. of Buffalo, N. Y. The Moccasin Bend Wastewater Treatment Plant uses this after-cooler at the Oxygen Generation system to cool air going into the cryogenic oxygen plant to produce liquid and gaseous oxygen that is used in the Unox System - a high rate activated sludge process. Attached is a reference sheet related to the after-cooler. This specification describes the assembly needed.

TUBE BUNDLE ASSEMBLY

Required: One (1) tube bundle assembly – SAF-983-NS, S/N 17094

Aluminum Bronze Front Tube Sheet Naval Brass Rear Tube Sheet

Tubes are made of: Admiralty Brass

Gasket Set consisting of:

Two (2) Front Tube Sheet Gasket

Two (2) Rear Tube Sheet Packing - Viton A

-						
_	CUSTOMER JOY MANOFA	CTURING CO.	DATE (/24/Ph			
	and the state of t	The state of the s	CUST, INQ. NO.			
-	ADDRESS BUFFALO A	<i>1. y.</i>	CUST, ORDER NO. B-DO-CLOS			
سسند	PLANT LOCATION		RPOPOSAL NO. BF-6792			
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L		ANGEMENT	SURFACE PER SHELL 983 50 FT.			
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в	SP HEAT-BTU/#7 F WATENT HEAT-BTU/#					
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o a	TEMPERATURE OUT	100	91			
1.7	OPERATING PRESSURE P.S.T.A. P.S.T.C.		91.1			
12	NUMBER OF PASSES	ONE	DNE			
73	VELOCITY FT./SEC.	1.3				
2.4	PRESSURE DROP P.S.I.	& ALLOWED 2 CALC	ALLOWED 0.95 CALC			
25	FOULING RESISTANCE		-001			
70	HEAT EXCHANGED-BIT,U HR. / P23		MIEGERI LUTO 333 C			
77	TRANSFER RATE SERVICE		DULING FACTOR O 045			
•						
28	į	DNSTRUCTION - EACH SHELL				
29	DESIGN PRESSURE P.S.I.	150	450			
30	TEST PRESSURE P.S.I.	225	22.7			
31	DESIGN TEMPERATURE F.	200	3,50			
32	TUBES 100	The state of the s				
33		75 STEEL XI OTHER	PITCH 13/4C ADD			
34 3	INLET COMPANION FLG - CAST-IRON S					
35	PACKING GLAND - CAST IRON 20 GAST ST					
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36.			OTHER			
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40	SHELL GASKETS ASBESTOS TO RUBBER		RUBBER K.			
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42	COOLING WATER INLET	- make material and a second of the second o	7			
43	CORROSION ALLOWANCE - SHELL SIDE	TUBE SID				
44	CODE REQUIREMENTS ASME -	SECTION VIII - DIVIS	YON I			
15	WEIGHTS - EACH SHELL AND BUNDLE - 20	BUNDLE ONLY 370				
46	REMARKS: - * JEFM @ 14.	4 PSIR 95% 1 50				
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Affirmative Action Plan

The City of Chattanooga is an equal opportunity employer and during the performance of this Contract, the Contractor agrees to abide by the equal opportunity goals of the City of Chattanooga as follows:

- 1. The Contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, religion, sex, national origin, or handicap. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rates of pay or other forms of compensation, and selection for training including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
- 2. The Contractor will, in all solicitations or advertisements for employees placed by or on behalf of the Contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or handicap.
- 3. The Contractor will send to each labor union or representative of workers with which he/she has a collective bargaining agreement or other contract or understanding, a notice advising said labor union or workers' representatives of the Contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- 4. In all construction contracts or subcontracts in excess of \$10,000 to be performed for the City of Chattanooga, any contractor and/or subcontractor is further required to file in duplicate within ten (10) days of being notified that it is the lowest responsible bidder, an affirmative action plan with the EEO Director of the City of Chattanooga. This plan shall state the Contractor's goals for minority and women utilization as a percentage of the work force on this project.
- 5. This Plan or any attachments thereto shall further provide a list of all employees annotated by job function, race, and sex who are expected to be utilized on this project. This plan or attachment thereto shall further describe the methods by which the Contractor or Subcontractor will utilize to make good faith efforts at providing employment opportunities for minorities and women.

During the term of this contract, the Contractor upon request of the City, will make available for inspection by the City of Chattanooga copies of all payroll records, personnel documents and similar records or documents that may be used to verify the Contractor's compliance with these Equal Opportunity provisions.

pportur	ooga of any subcontractor who refuses or fails to comply with these equality provisions. Any failure or refusal to comply with these provisions by or and/or subcontractor shall be a breech of this contract.	
	·	
	(Signature of Contractor)	
	(Title and Name of Company)	
	(Date)	

6. The Contractor will include the portion of the sentence immediately preceding paragraph 1